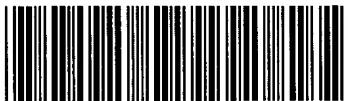


**Search Notes****Application No.**

09/308,830

**Applicant(s)**

SCHLIEVERT ET AL.

**Examiner**

Robert A. Zeman

Art Unit

1645

**SEARCHED**

Class	Subclass	Date	Examiner
514	2	1/9/2000	LL
514	12	1/9/2000	LL
424	184.1	1/9/2000	LL
424	190.1	1/9/2000	LL
424	243.1	1/9/2000	LL
435	69.1	1/9/2000	LL
	Updated	9/27/2000	LL
	Updated	8/1/2703	RZ
	Updated	4/12/2004	RZ

**INTERFERENCE SEARCHED**

Class	Subclass	Date	Examiner

**SEARCH NOTES  
(INCLUDING SEARCH STRATEGY)**

	DATE	EXMR
WEST, STN, medline, biosis Inventors terms: SPE-A toxin, mutant, mitogenicity, streptococcus, vaccine PAML	1/9/2000	LL
Updated	9/27/2000	LL
Updated Unable to check related case 08/973,391 for ODP, file unavailable. Inventor search.	8/27/2003	RZ
Updated	4/12/2004	RZ